

# WT-B0511-02

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		CH1	CH2
1	Center Frequency(F0)	3000MHz	3060MHz
2	Pass Band Frequency	2990 ~ 3010MHz	3050 ~ 3070MHz
3	Pass Band Insertion Loss	≤1.8dB	≤1.8dB
4	Pass Band Ripple	≤0.4dB	≤0.4dB
5	Pass Band VSWR	≤1.22:1	≤1.22:1
6	Stop Band Rejection	≥50dB @ 3050 ~ 3070MHz	≥50dB @ 2990 ~ 3010MHz
7	Impedance	50 Ohms	
8	Power	10W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Port Sign	Port 1: ANT ; Port 2: CH1 ; Port 3: CH2	
12	Temperature Range	-20°C ~ +60°C	
13	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
14	Dimensions	130*42*21mm	
15	Net weight	0.182 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

